

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	11.4	2.0	0.0	11.4	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	11.7	2.0	0.0	11.7	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

12:01 22/10/97 Test 09: 45.0ml in 1.97sec  
CDA Check: Expected = 0.00% Zero = 0.00%

P = 1022.5mbar T = 22.0degC  
Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	Im 14	1	11.4	2.0	11.4	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	Im 14	1	11.7	2.0	11.7	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

10/22/97 kw

1R5F

ISO

Washed

No Pad

Taped

Cal metal  
disk

4 - 47.6

14 - 47.3

Cal apparatus

4 - 41.0

44.5

45cc

2 clearing Puffs

30 sec Puff interval

14 - 41.2

44.5

F.I.R.L. SM350/SM400 Test 08: Puff = 45.0ml in 1.97sec 11:41 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	7.5	2.0	0.0	7.5	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	8.0	2.0	0.0	8.0	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

11:41 22/10/97 Test 08: 45.0ml in 1.97sec P = 1022.5mbar T = 22.0degC

COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	<i>IRSF-3 Taped</i>	1	7.5	2.0	7.5	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	<i>IRSF-4 Taped</i>	1	8.0	2.0	8.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375975

10/22/97 kw

ISO

Cal metal disk

4 - 47.5

14 - 47.2

1 R5F

Taped

Washed

No Pad

Cal apparatus

4 - 41.3

44.6

14 - 40.9

44.4

45cc

2 clearing puffs

30 sec puff intervals

F.I.A.L. EM350/EM400 Test 07: Puff = 45.0ml in 1.98sec 11:22 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	8.0	2.0	0.0	8.0	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	7.2	2.0	0.0	7.2	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

11:22 22/10/97 Test 07: 45.0ml in 1.98sec

COA Check: Expected = 0.00% Zero = 0.00%

Channel Sample Number LIT UNLIT

Number	Description	Smoked	Puffs	Puffs
1	.....	0	0.0	2.0
2	.....	0	0.0	2.0
3	.....	0	0.0	2.0
4	.....	1	8.0	2.0
5	.....	0	0.0	2.0
6	.....	0	0.0	2.0
7	.....	0	0.0	2.0
8	.....	0	0.0	2.0
9	.....	0	0.0	2.0
10	.....	0	0.0	2.0
11	.....	0	0.0	2.0
12	.....	0	0.0	2.0
13	.....	0	0.0	2.0
14	.....	1	7.2	2.0
15	.....	0	0.0	2.0
16	.....	0	0.0	2.0
17	.....	0	0.0	2.0
18	.....	0	0.0	2.0
19	.....	0	0.0	2.0
20	.....	0	0.0	2.0

P = 1022.5mbar T = 22.0degC

Before = N/A % R.H: 60%

MEAN Obsr'd Corr'd CO/cig

Puffs	CO %	CO %	mg
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
8.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
7.2	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00
0.0	0.00	0.00	0.00

PM3000375977

1R5F

10/22/97 KW

ISO

~~1/2 taped~~  
~~NO PAD~~

Washed

Cal metal desk

4 - 47.6

14 - 47.2

Cal apparatus

4 - 41.4

45.3

14 - 41.3  
44.7

45cc

2 clearing puffs

30 sec puff interval

F.I.A.L. SM350/SM400 Test 06: Puff = 45.0ml in 1.97sec 11:02 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Puffs UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	9.5	2.0	0.0	9.5	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	9.4	2.0	0.0	9.4	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

11:02 22/10/97 Test 06: 45.0ml in 1.97sec P = 1022.5mbar T = 22.0degC  
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	IR5F-3	1	9.5	2.0	9.5	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	IR5F-4	1	9.4	2.0	9.4	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375979

IRSF

ISO

10/22/97 KW

~~1/2 taped~~

Cal metal des

~~NO Pad~~

4-47.5

Washed

14-473

Cal apparatus

4-413  
452

14-41.4  
44.9

45 cc  
2 clearing puffs  
30 sec Puff interval



F.I.A.L. SM350/SM400 Test 05: Puff = 45.0ml in 1.97sec 10:40 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Puffs UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	9.0	2.0	0.0	9.0	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	9.7	2.0	0.0	9.7	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

10:40 22/10/97 Test 05: 45.0ml in 1.97sec

COA Check: Expected = 0.00% Zero = 0.00%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CD/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	IRSF 1	1	9.0	2.0	9.0	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	IRSF 2	1	9.7	2.0	9.7	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375981

1 R5F

10/22/97  
RW

T-70.3  
H-60.9

NO Pad  
Washed  
NO Tape

Cal Metal disk

4-47.3

14-47.3

Cal apparatus

4-40.8  
446

14-40.2  
437

45cc  
2 clearing Puff  
30 sec Puff interval

F.I.A.L. SM350/SM400 Test 04: Puff = 45.0ml in 1.98sec 10:17 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	10.8	2.0	0.0	10.8	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	10.9	2.0	0.0	10.9	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

10:17 22/10/97 Test 04: 45.0ml in 1.98sec  
COA Check: Expected = 0.00% Zero = 0.00%

P = 1022.5mbar T = 22.0degC  
Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	IR5F-3	1	10.8	2.0	10.8	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	IR5F-4	1	10.9	2.0	10.9	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375983

10/22/97 ka

ISO

NOTAD

1R5F

Washed

NO Tape

Cal Meter

Disk

4 474

14 473

45cc

2 cleaning puff

30 sec puff interval

Cal apparatus

4 - 413  
45.0

14 - 411  
449

F.I.A.L. SM350/SM400 Test 03: Puff = 45.0ml in 1.97sec 09:48 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Cumulative UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	11.0	2.0	0.0	11.0	2.0
5	.....	1	12.0	2.0	0.0	12.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	10.8	2.0	0.0	10.8	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

09:48 22/10/97 Test 03: 45.0ml in 1.97sec  
CDA Check: Expected = 0.00% Zero = 0.00%

P = 1022.5mbar T = 22.0degC  
Before = N/A % R.H: 60%

Channel Number	Sample Description	Sample Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1R5F-1	1	11.0	2.0	11.0	0.00	0.00	0.00
5	.....	1	12.0	2.0	12.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	1R5F-2	1	10.8	2.0	10.8	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375985

KW

10/22/97

IM14

ISO

Washed  
with Pad

Cal Metal

Disk 4 47.6

14 47.4

Cal Apparatus

4 41.4  
4 45.3  
14 41.2  
44.9

45cc

2 clearing puffs

30 sec puff interval

F.I.A.L. SM350/SM400 Test 02: Puff = 45.0ml in 1.98sec 09:19 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	11.0	2.0	0.0	11.0	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	10.8	2.0	0.0	10.8	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

09:19 22/10/97 Test 02: 45.0ml in 1.98sec P = 1022.5mbar T = 22.0degC  
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	11.0	2.0	11.0	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	1	10.8	2.0	10.8	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375987

10/22/97  
ISO  
Dry Puff  
Washed  
to pad

45cc  
30 sec puff interval  
2 clearing puff

Cal metal Disk

Port 4 47.5  
47.6

Port 14 47.5  
47.5

Cal. Apparatus

Port 4 41.3  
45.1

Port 14 41.1  
45.0



F.I.A.L. SM350/SM400 Test 01: Puff = 35.0ml in 1.97sec 08:49 22/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	.....	0	0.0	2.0	0.0	0.0	2.0
2	.....	0	0.0	2.0	0.0	0.0	2.0
3	.....	0	0.0	2.0	0.0	0.0	2.0
4	.....	1	10.0	2.0	0.0	10.0	2.0
5	.....	0	0.0	2.0	0.0	0.0	2.0
6	.....	0	0.0	2.0	0.0	0.0	2.0
7	.....	0	0.0	2.0	0.0	0.0	2.0
8	.....	0	0.0	2.0	0.0	0.0	2.0
9	.....	0	0.0	2.0	0.0	0.0	2.0
10	.....	0	0.0	2.0	0.0	0.0	2.0
11	.....	0	0.0	2.0	0.0	0.0	2.0
12	.....	0	0.0	2.0	0.0	0.0	2.0
13	.....	0	0.0	2.0	0.0	0.0	2.0
14	.....	1	10.0	2.0	0.0	10.0	2.0
15	.....	0	0.0	2.0	0.0	0.0	2.0
16	.....	0	0.0	2.0	0.0	0.0	2.0
17	.....	0	0.0	2.0	0.0	0.0	2.0
18	.....	0	0.0	2.0	0.0	0.0	2.0
19	.....	0	0.0	2.0	0.0	0.0	2.0
20	.....	0	0.0	2.0	0.0	0.0	2.0

08:49 22/10/97 Test 01: 45.0ml in 1.97sec P = 1022.5mbar T = 22.0degC  
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	10.0	2.0	10.0	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	1	10.0	2.0	10.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

KW  
10/32/97

PM3000375989